

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete If Known			
		Application Number	10/029,212		
		Filing Date	12/28/01		
		First Named Inventor	Takeshi IMANISHI		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	IMANISHI2B

J1050 U.S. PTO  
 10/029212  
 12/28/01

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AA	AA	5859221		Cook, et al.	01-12-1999	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number	Kind Code <sup>2</sup> Office <sup>3</sup> (if known)				
AB	AB	PCT	9747636	Novartis AG	12-18-1997		

Examiner Signature	L. E. Crane <i>[Signature]</i>	Date Considered	06/26/02
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\*\* Duplicate: see pto-892 for citation.

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.


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## OTHER PRIOR ART- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<del>AA</del>	AC	OBIKA, et al., Synthesis of 2'-O, 4'-C Methyleneuridine and -cytidine. Novel Bicyclic Nucleosides Having a Fixed C <sub>2</sub> - endo Sugar Puckering, Tetrahedron Letters, 1997, 8735-38738, 38(50)	
<del>AA</del>	AD	ALTMANN, et al., 6' Carbon Substituted Carbo-cyclic Analogs of 2'-Deoxynucleosides - Synthesis and Effect on DNA/RNA Duplex Stability, Tetrahedron, 1996, 12699-12722, 52(39)	
<del>AA</del>	AE	NIELSEN, et al., Synthesis and Chemoselective Activation of Phenyl 3,5-Di-O-benzyl-2-O, 4-C-methylene-thio-β-D-ribofuranoside: A Key Synthon Towards α-LNA, Chemical Communications, 1998, 2645-2646, (23)	
<del>AA</del>	AF	HERDEWUN, Targeting RNA with Conformationally Restricted Oligonucleotides, Liebigs Annalen, 1996, 1337-1348, 9	
<del>AA</del>	AG	BEAUCAGE, Oligonucleotides Synthesis-Phosphoramidite Approach, Ch. 3 - Methods in Molecular Biology, Vol. 29: Protocols for Oligonucleotide and Analogs, 1993, 33-61, Humana Press, Totowa, NJ	
<del>AA</del>	AH	BEAUCAGE, et al., Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach, Tetrahedron, 1992, 2223-2311, 48(12)	
<del>AA</del>	AI	BEAUCAGE, et al., The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications, Tetrahedron, 1993, 6123-6194, 49(28)	
<del>AA</del>	AJ	LEHNINGER, et al., Principle of Biochemistry, Second Edition, Worth Publishers, 1993, only pp. 324-327	
<del>AA</del>	AK	CANGHVI, Heterocyclic Base Modifications in Nucleic Acids and Their Applications in Antisense Oligonucleotides, Ch. 15 - Antisense Research and Applications, 1993, 273-288, CRC Press, Boca Raton, FL	
	AL	SINGH, et al., LNA (locked Nucleic Acids): Synthesis and High-Affinity Nucleic Acid Recognition, Chemical Communications, 1998, 455-456, 4 (February 21, 1998).	

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